

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083466.D
 Acq On : 23 Aug 2024 17:32
 Operator : JC\MD
 Sample : P3715-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 00:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

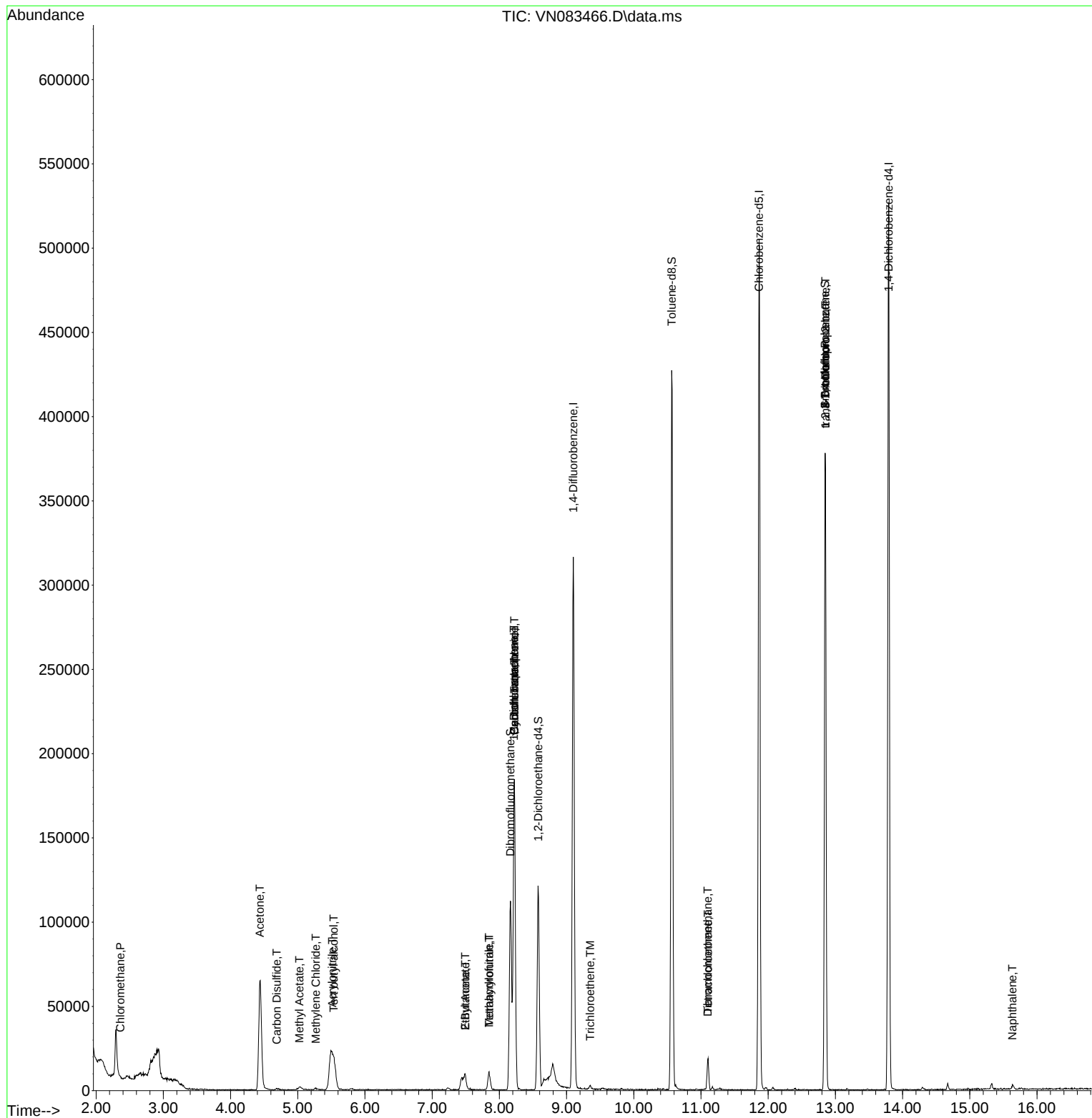
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	129433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101494	55.090	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.180%
35) Dibromofluoromethane	8.165	113	79691	48.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	10.565	98	291528	47.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.847	95	133187	56.183	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	367	0.244	ug/l #	43
11) Tert butyl alcohol	5.536	59	49963	130.496	ug/l #	89
15) Acrylonitrile	5.512	53	165	0.210	ug/l #	17
16) Acetone	4.436	43	5952	8.256	ug/l #	80
17) Carbon Disulfide	4.689	76	1530	0.364	ug/l #	75
18) Methyl Acetate	5.024	43	4198	1.954	ug/l #	84
20) Methylene Chloride	5.271	84	377	0.227	ug/l #	19
25) 2-Butanone	7.494	43	15508	14.010	ug/l	98
29) Tetrahydrofuran	7.847	42	7892	11.029	ug/l	95
31) Cyclohexane	8.224	56	3662	1.341	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	12105	4.909	ug/l #	51
37) Ethyl Acetate	7.494	43	15508	5.617	ug/l #	78
38) Carbon Tetrachloride	8.224	117	14278	5.141	ug/l #	16
41) Methacrylonitrile	7.847	41	5132	3.269	ug/l #	52
44) Trichloroethene	9.353	130	567	0.324	ug/l	96
60) Dibromochloromethane	11.100	129	4257	2.117	ug/l #	10
64) Tetrachloroethene	11.106	164	4119	2.221	ug/l	92
71) Bromoform	12.847	173	685	0.414	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	75594	25.540	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	75594	55.556	ug/l #	6
95) Naphthalene	15.635	128	3324	0.367	ug/l #	93

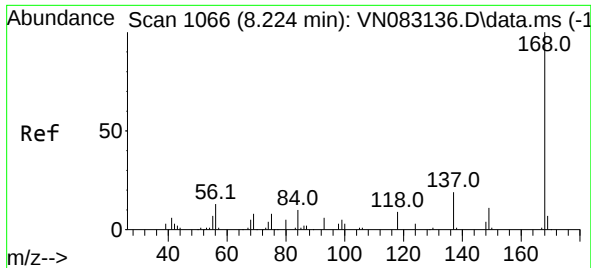
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
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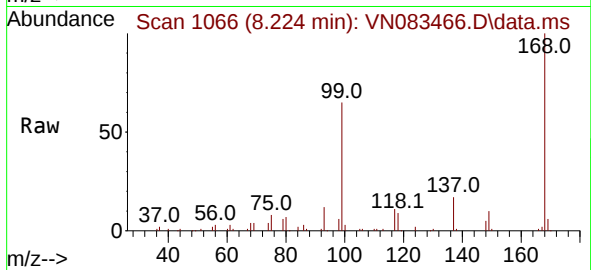
Quant Time: Aug 24 00:05:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



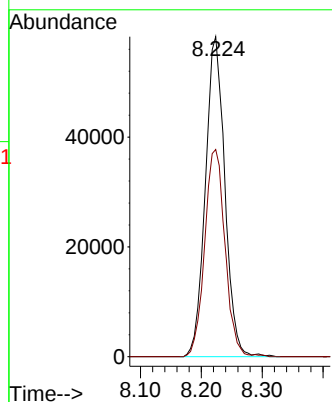
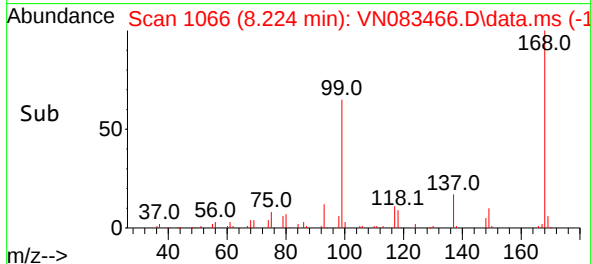


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

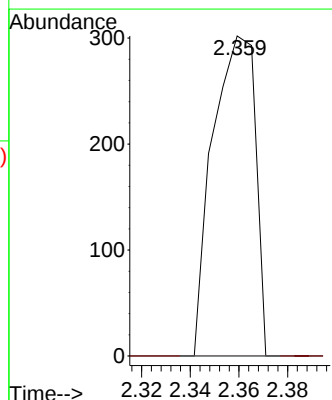
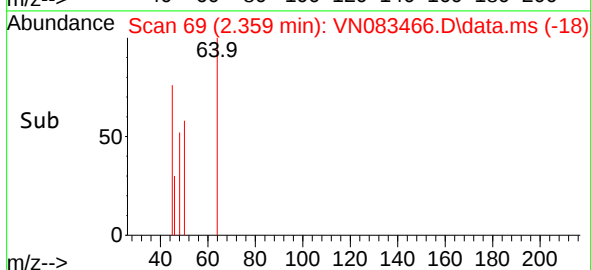
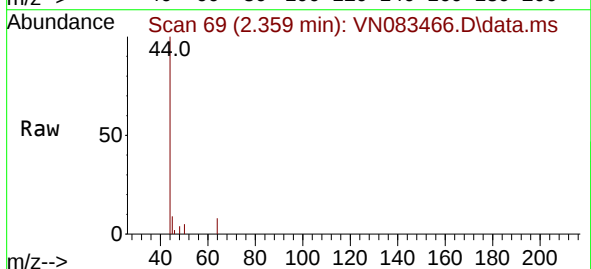


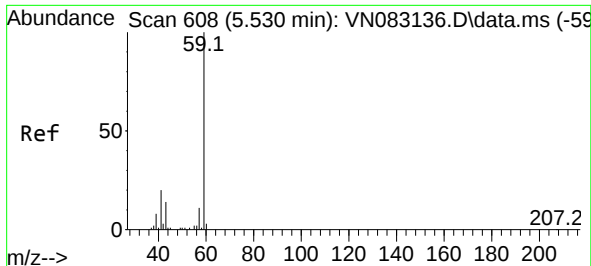
Tgt Ion:168 Resp: 129433
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 130.496 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Instrument :

MSVOA_N

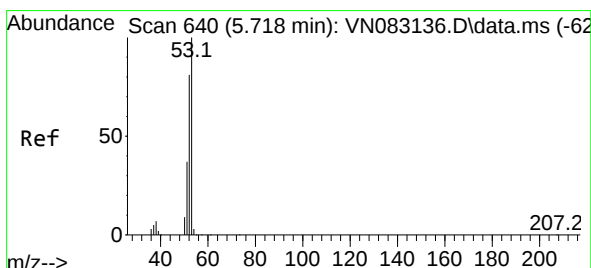
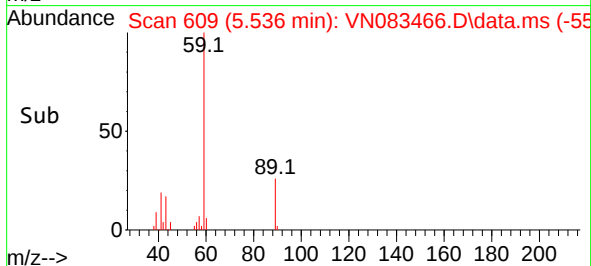
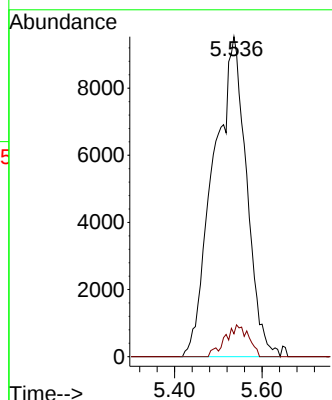
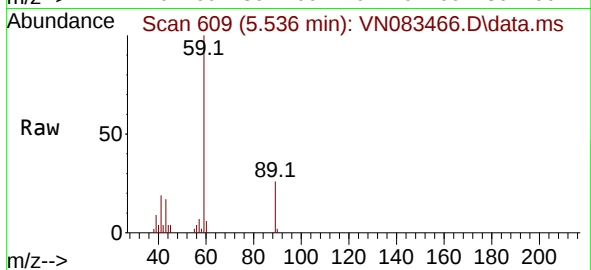
ClientSampleId :

Tgt Ion: 59 Resp: 49963

Ion Ratio Lower Upper

59 100

57 7.0 8.9 13.3#



#15

Acrylonitrile

Concen: 0.210 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.206 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

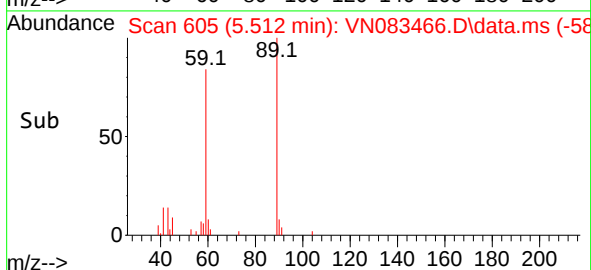
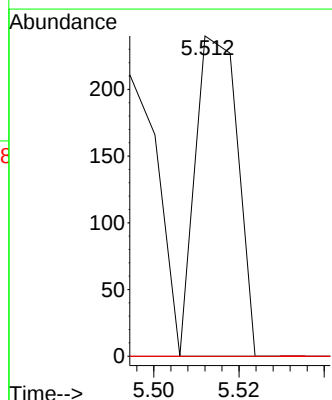
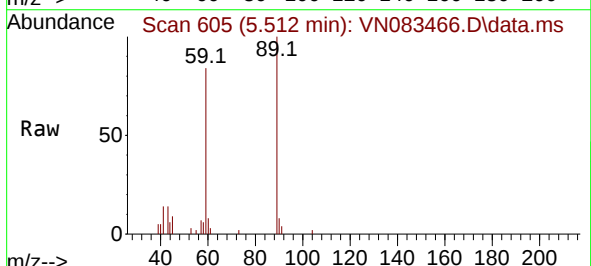
Tgt Ion: 53 Resp: 165

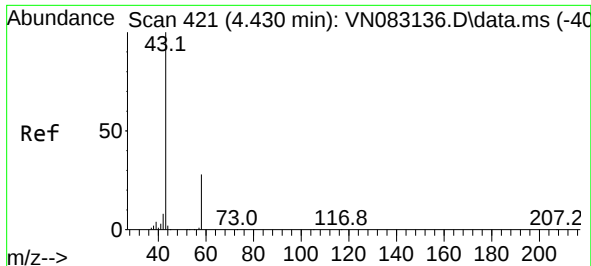
Ion Ratio Lower Upper

53 100

52 0.0 66.6 100.0#

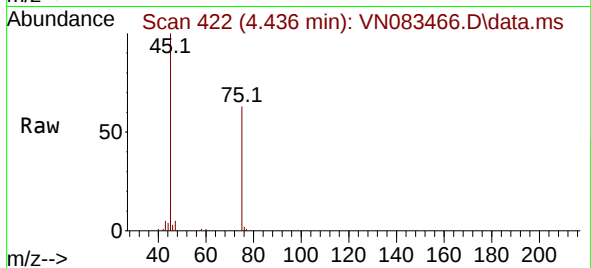
51 0.0 30.1 45.1#



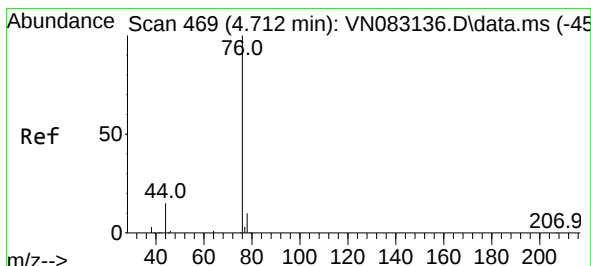
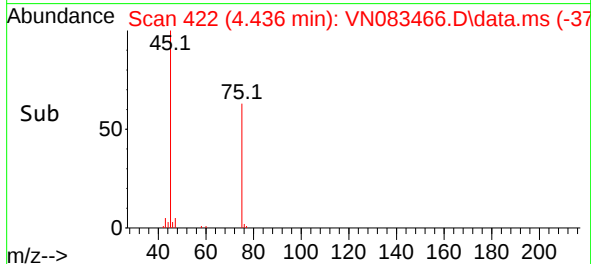
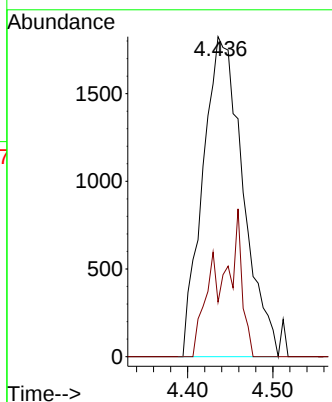


#16
Acetone
Concen: 8.256 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

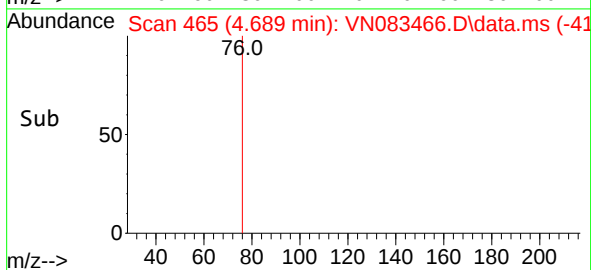
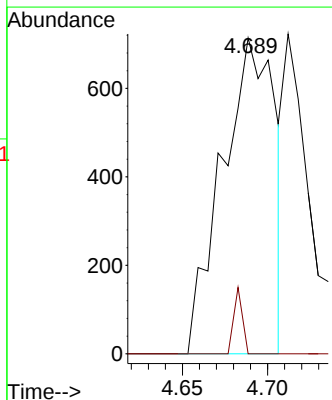
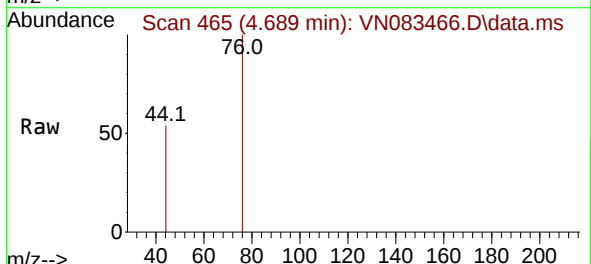


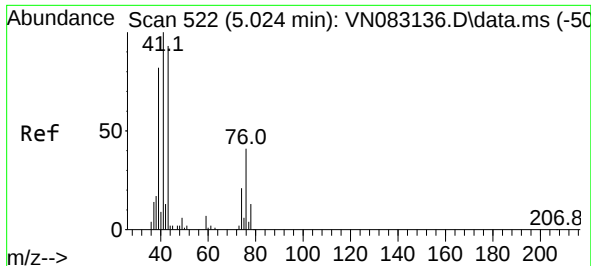
Tgt Ion: 43 Resp: 5952
Ion Ratio Lower Upper
43 100
58 17.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.364 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.024 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

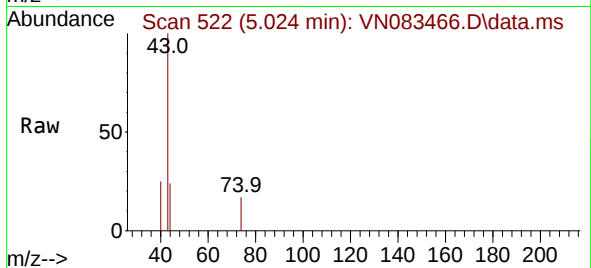
Tgt Ion: 76 Resp: 1530
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



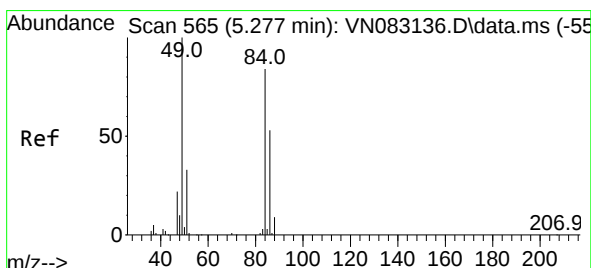
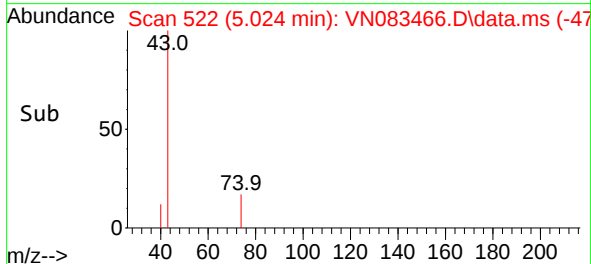
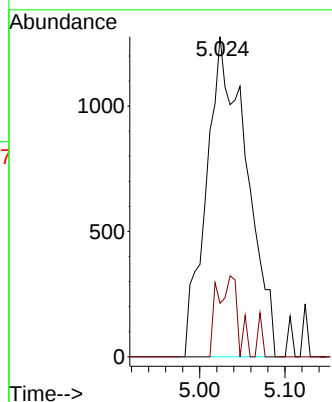


#18
Methyl Acetate
Concen: 1.954 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

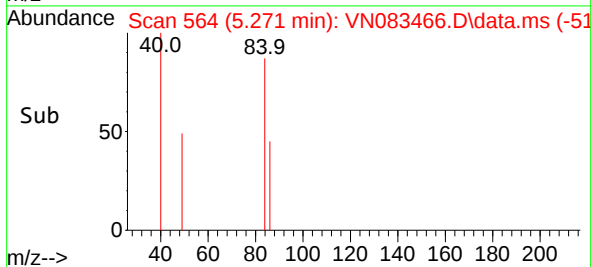
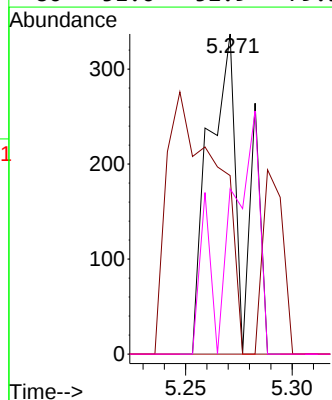
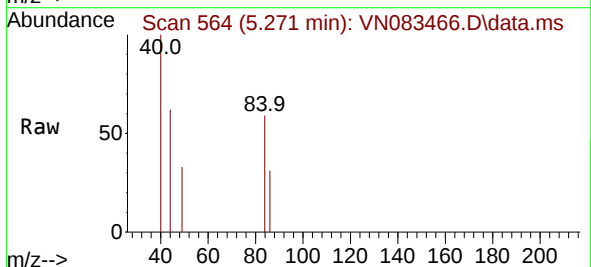


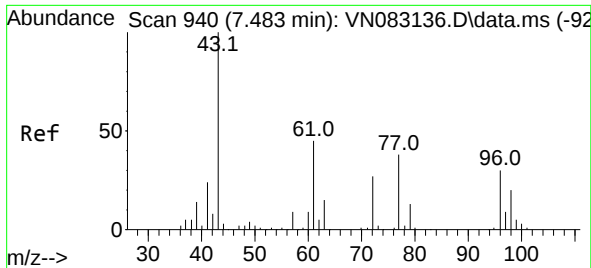
Tgt Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
74 12.9 16.3 24.5#



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion: 84 Resp: 377
Ion Ratio Lower Upper
84 100
49 6.8 119.6 179.4#
51 0.0 34.8 52.2#
86 51.6 52.9 79.3#

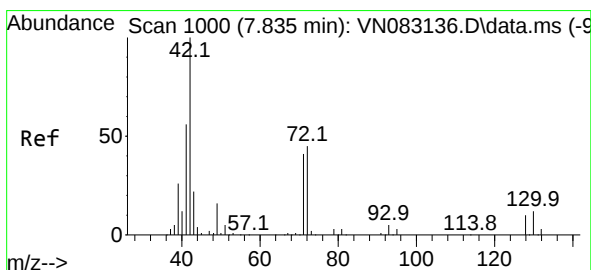
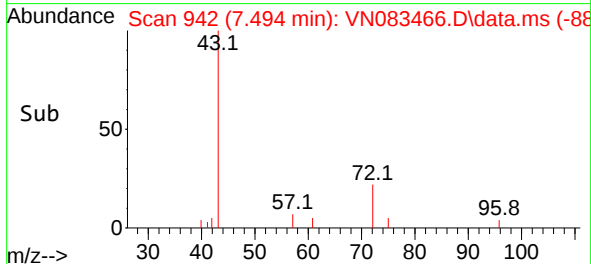
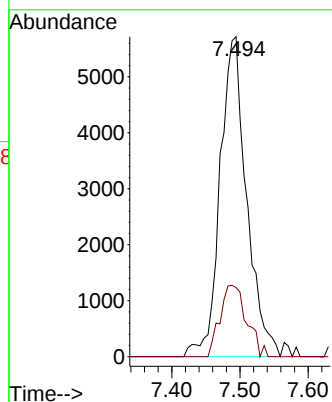
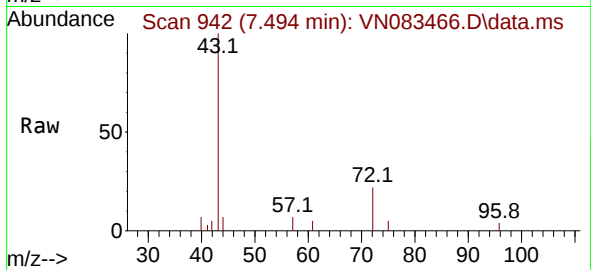




#25
2-Butanone
Concen: 14.010 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

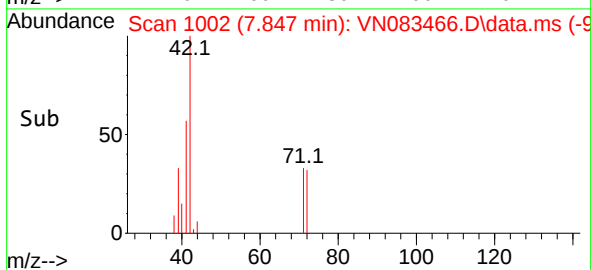
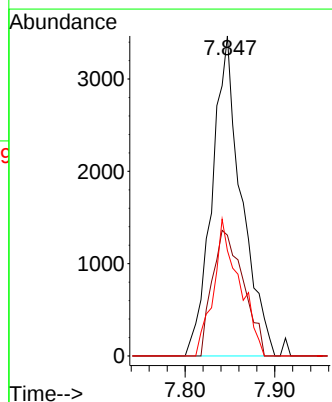
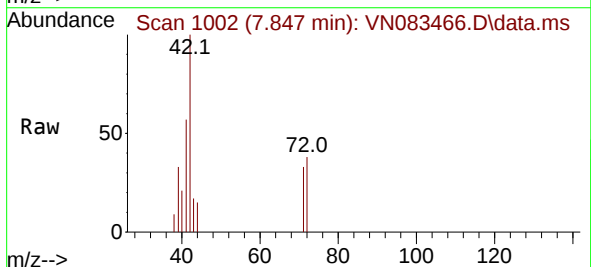
Instrument :
MSVOA_N
ClientSampleId :

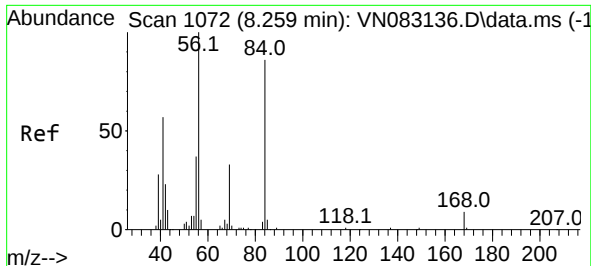
Tgt Ion: 43 Resp: 15508
Ion Ratio Lower Upper
43 100
72 21.6 18.2 27.2



#29
Tetrahydrofuran
Concen: 11.029 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

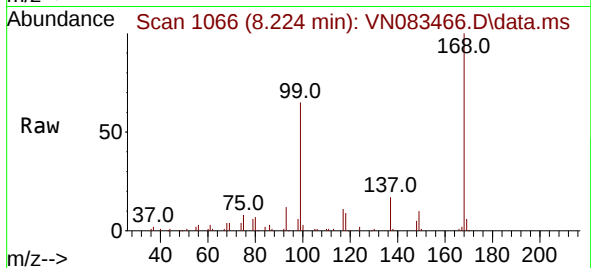
Tgt Ion: 42 Resp: 7892
Ion Ratio Lower Upper
42 100
72 41.5 30.0 45.0
71 37.5 28.3 42.5



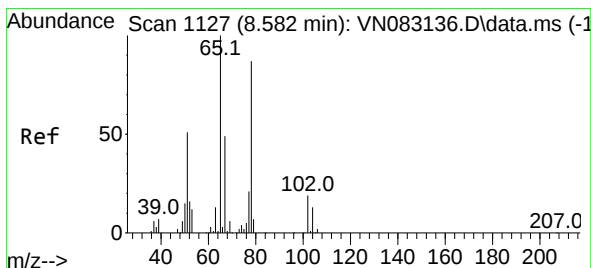
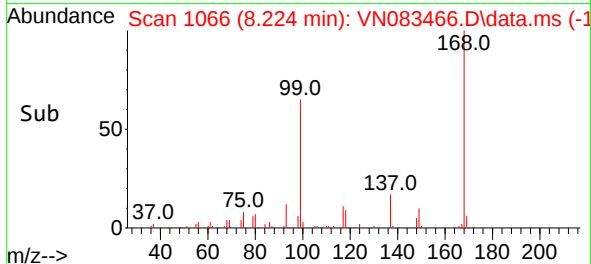
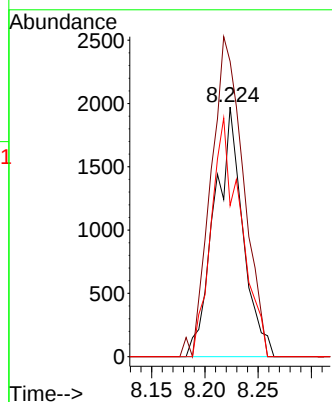


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

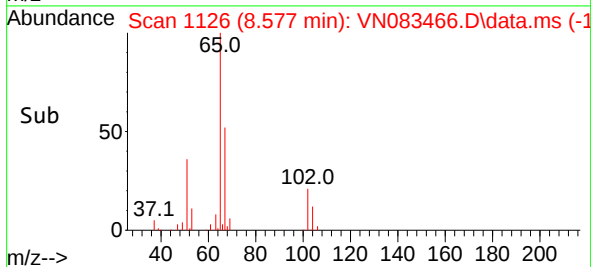
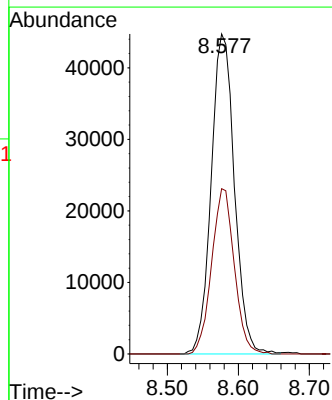
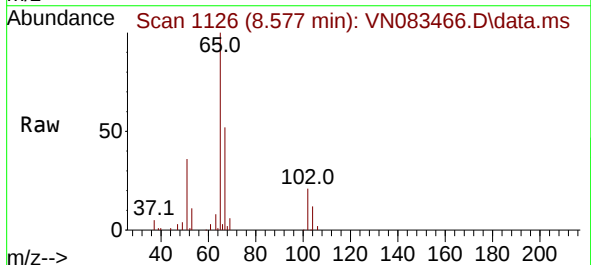


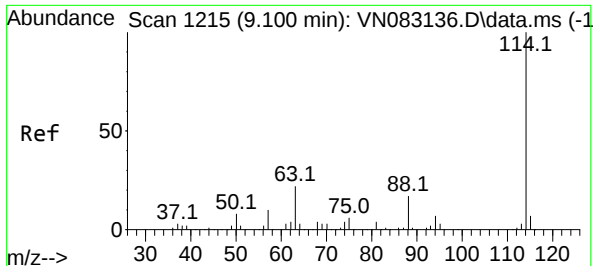
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 118.3 24.5 36.7#
84 60.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.090 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion: 65 Resp: 101494
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

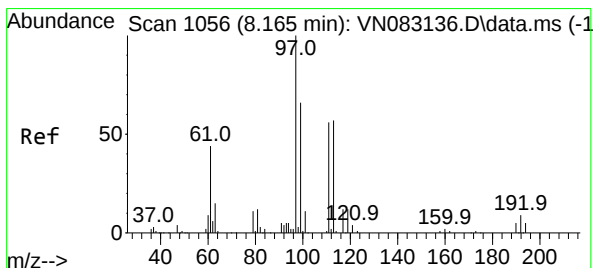
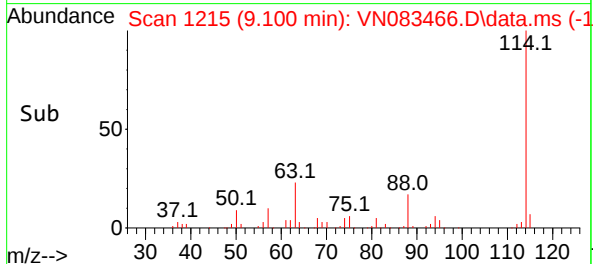
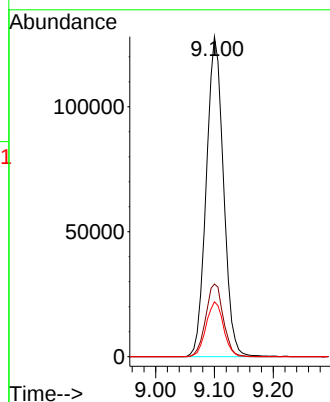
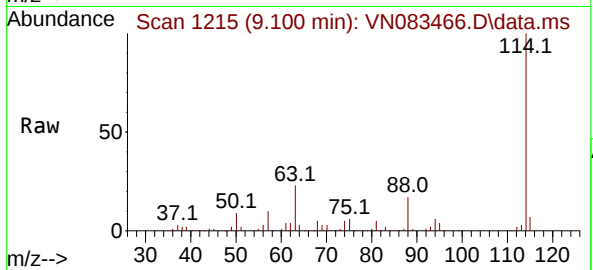




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

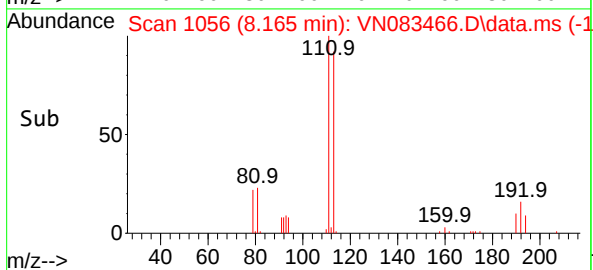
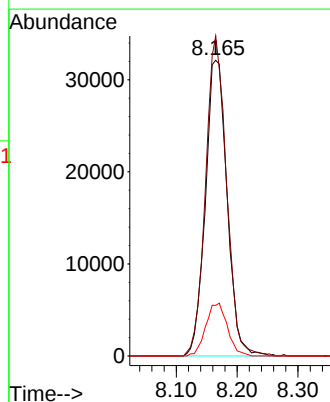
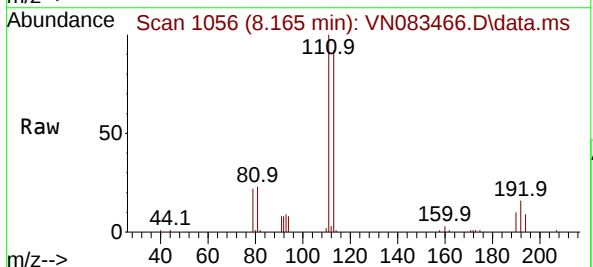
Instrument :
MSVOA_N
ClientSampleId :

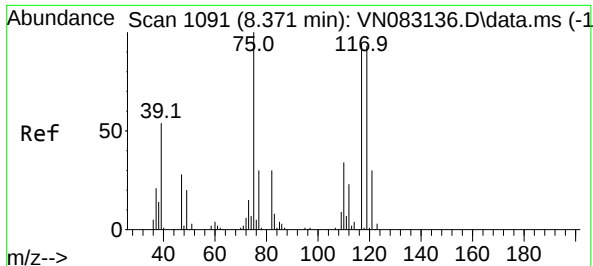
Tgt Ion:114 Resp: 261159
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion:113 Resp: 79691
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 17.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

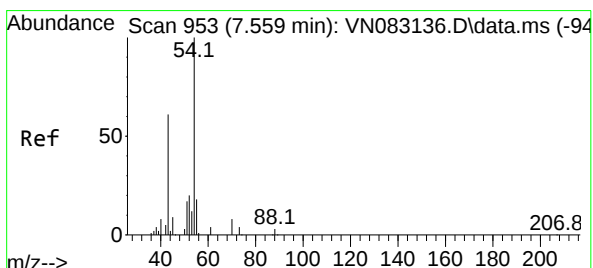
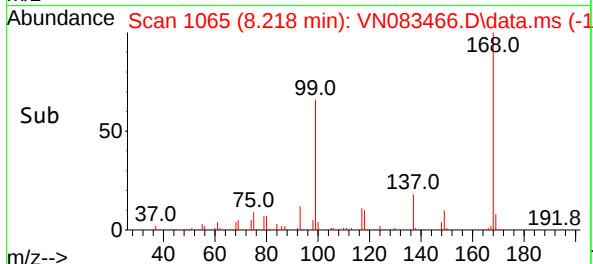
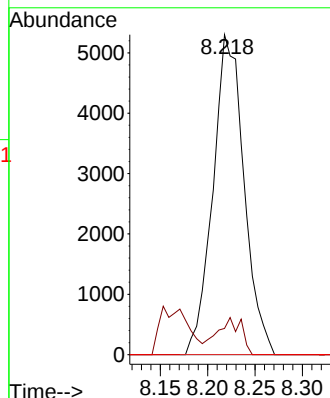
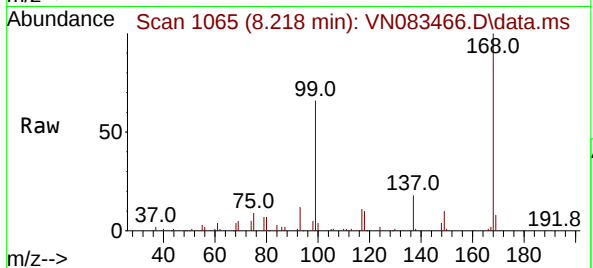
Tgt Ion: 75 Resp: 12105

Ion Ratio Lower Upper

75 100

110 9.2 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 5.617 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.065 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

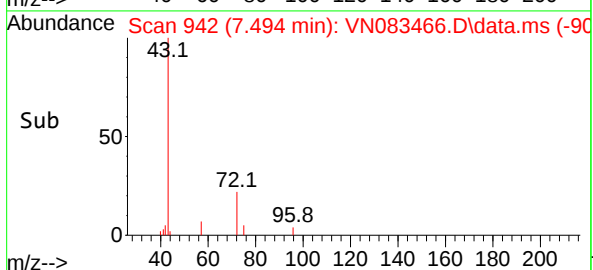
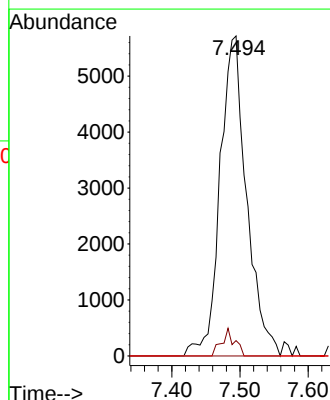
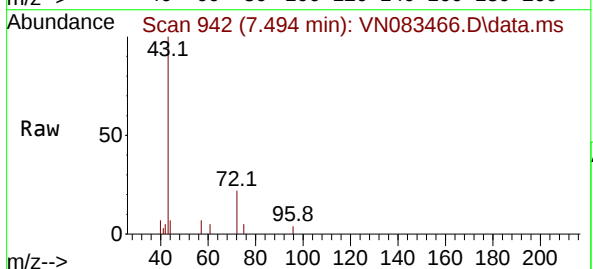
Tgt Ion: 43 Resp: 15508

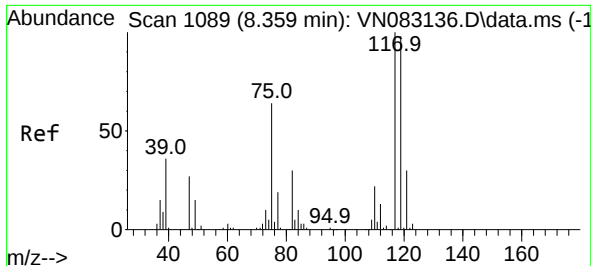
Ion Ratio Lower Upper

43 100

61 4.2 9.3 13.9#

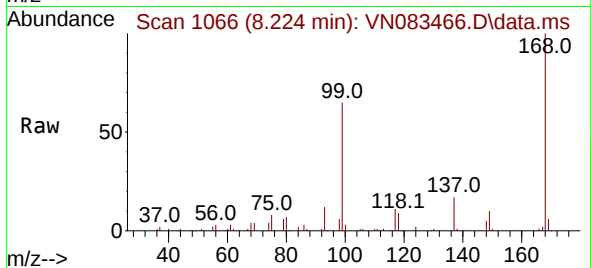
70 0.0 7.0 10.6#



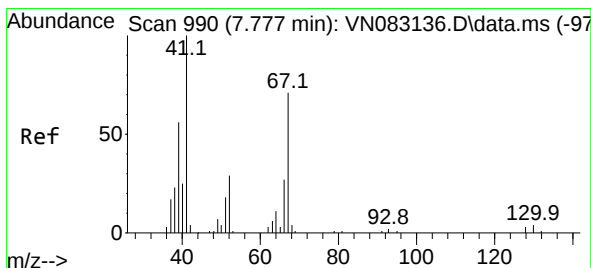
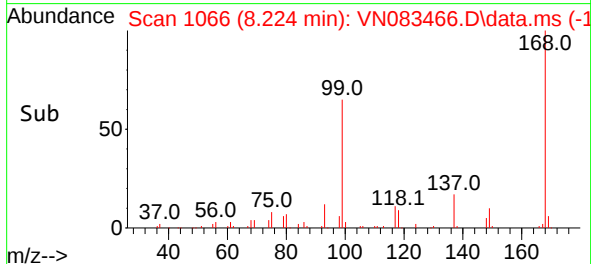
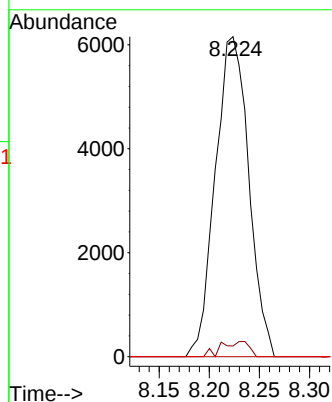


#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

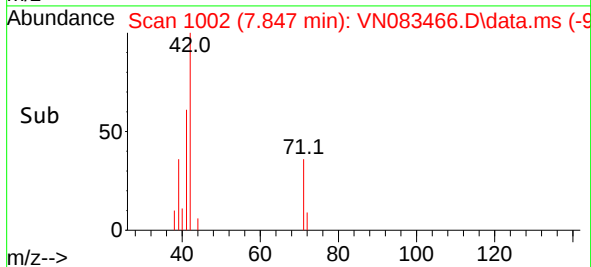
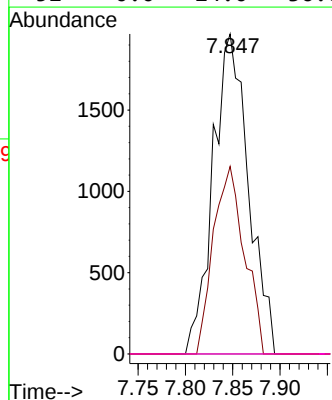
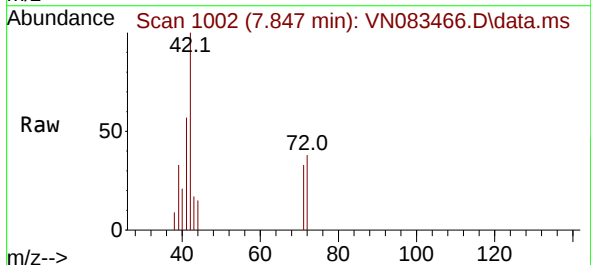


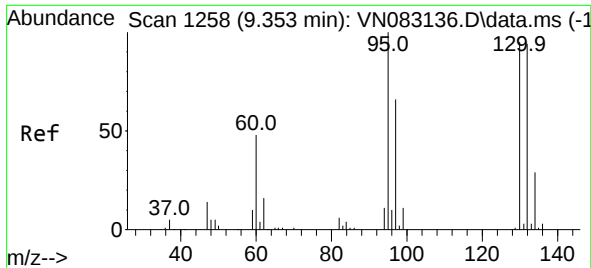
Tgt Ion:117 Resp: 14278
Ion Ratio Lower Upper
117 100
119 3.3 74.9 112.3#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 3.269 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

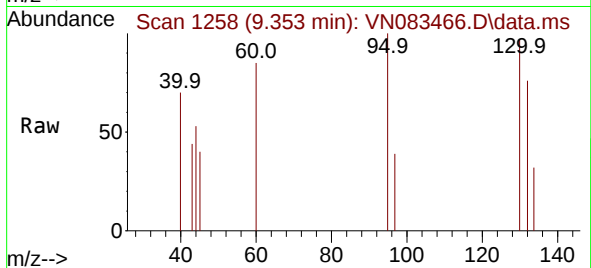
Tgt Ion: 41 Resp: 5132
Ion Ratio Lower Upper
41 100
39 51.2 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#



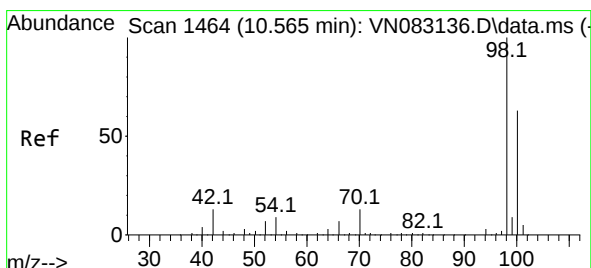
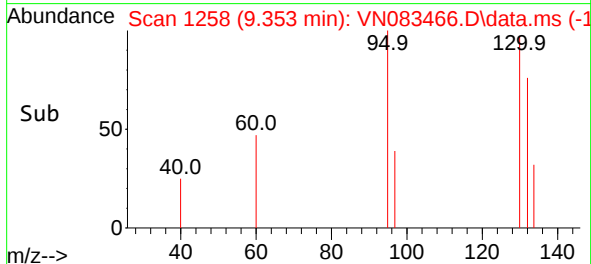
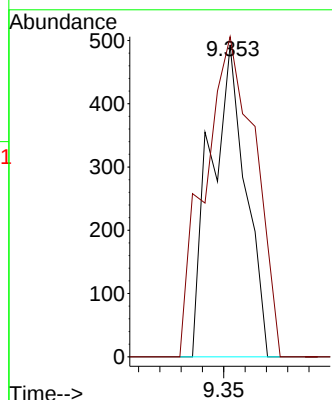


#44
Trichloroethene
Concen: 0.324 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

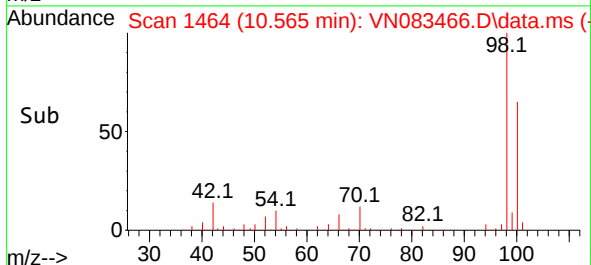
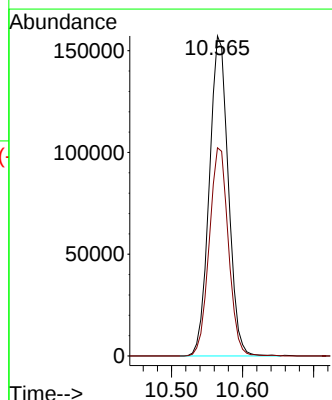
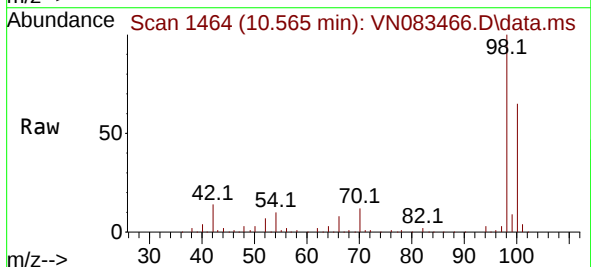


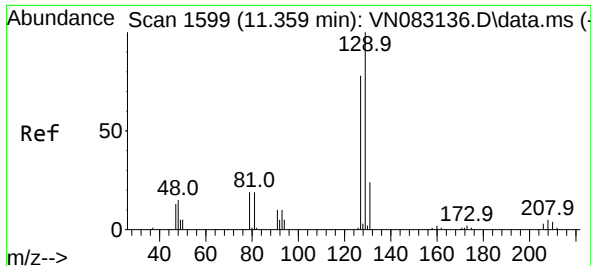
Tgt Ion:130 Resp: 567
Ion Ratio Lower Upper
130 100
95 102.6 0.0 197.8



#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion: 98 Resp: 291528
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3

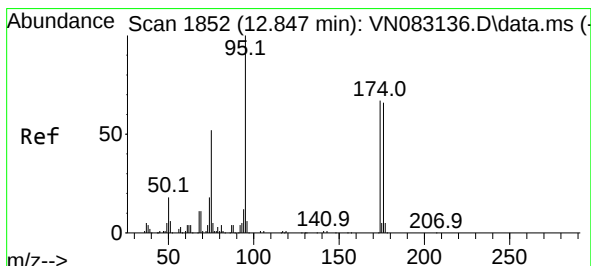
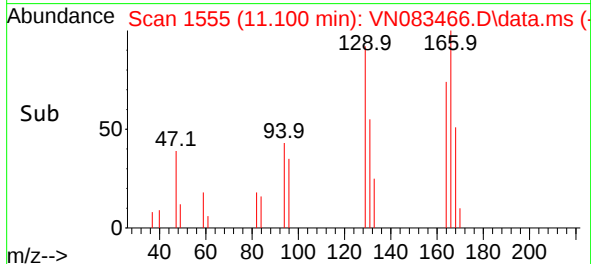
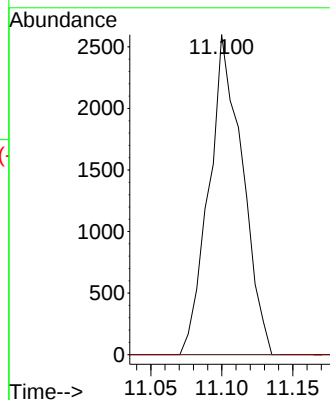
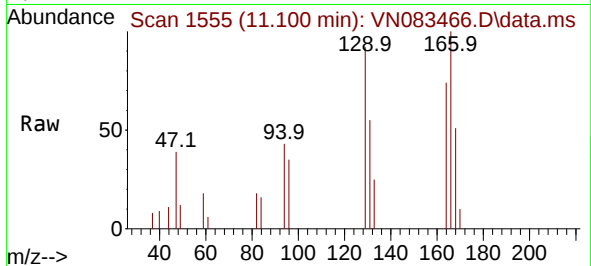




#60
Dibromochloromethane
Concen: 2.117 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

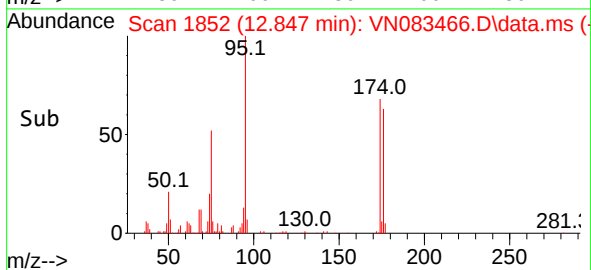
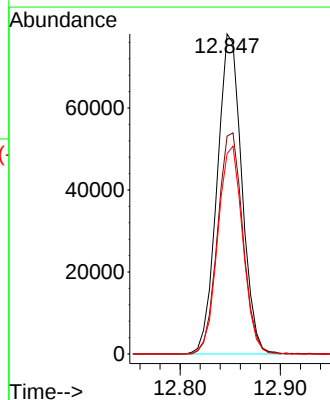
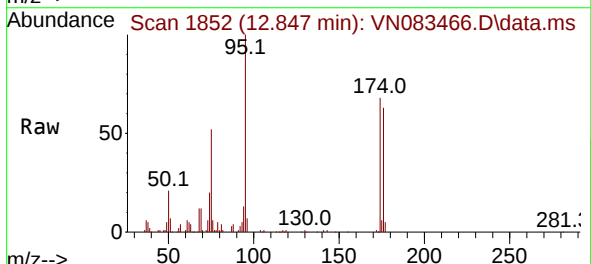
Instrument :
MSVOA_N
ClientSampleId :

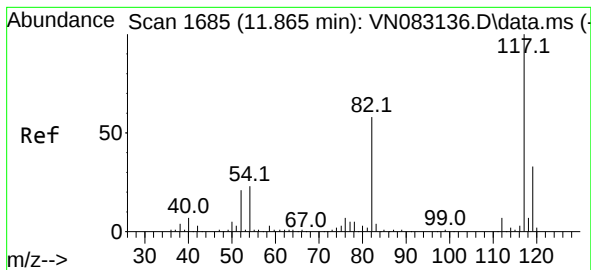
Tgt Ion:129 Resp: 4257
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 56.183 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Tgt Ion: 95 Resp: 133187
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 66.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

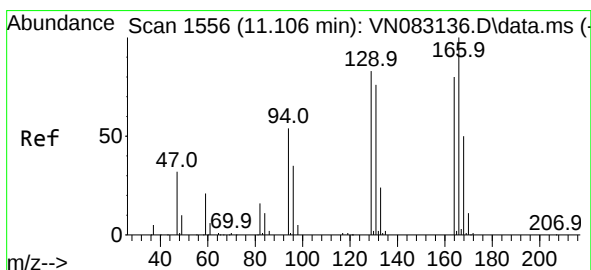
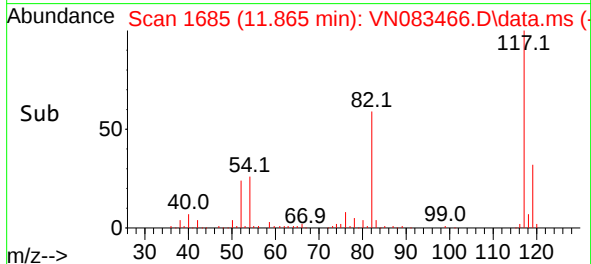
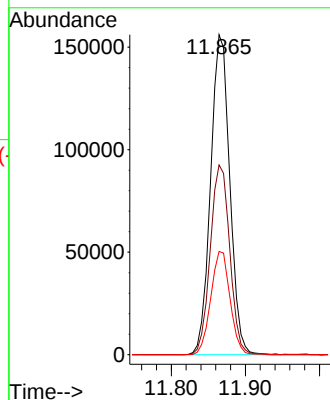
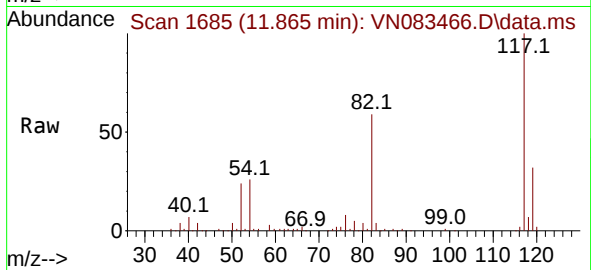
Tgt Ion:117 Resp: 279974

Ion Ratio Lower Upper

117 100

82 59.3 47.5 71.3

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 2.221 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Tgt Ion:164 Resp: 4119

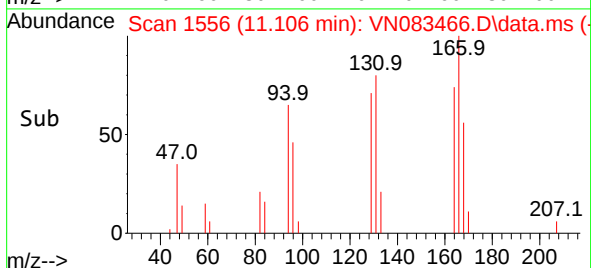
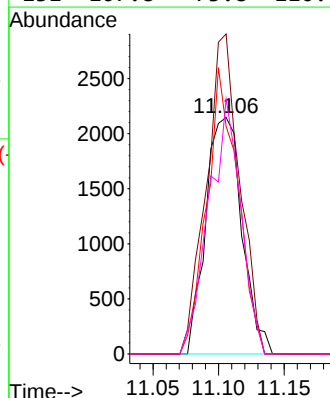
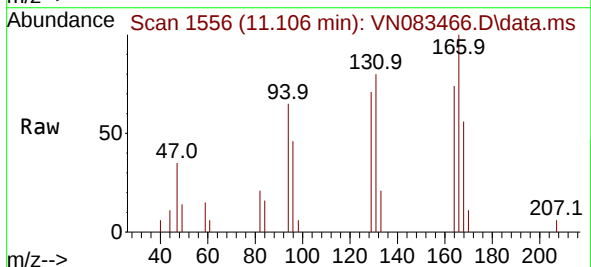
Ion Ratio Lower Upper

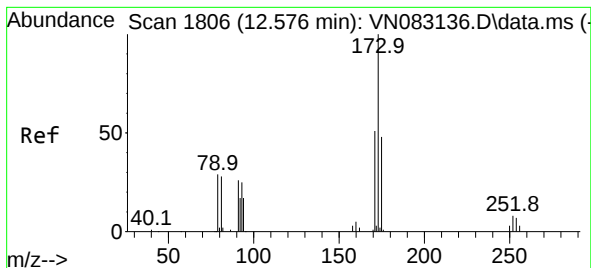
164 100

166 135.3 101.4 152.0

129 96.2 75.7 113.5

131 107.8 73.8 110.6





#71

Bromoform

Concen: 0.414 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

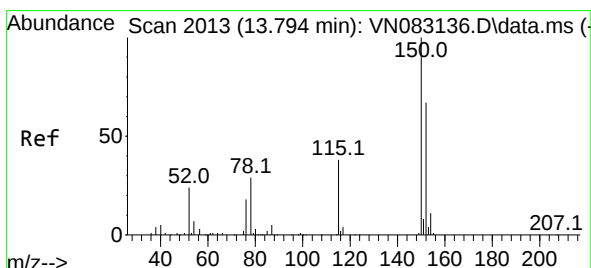
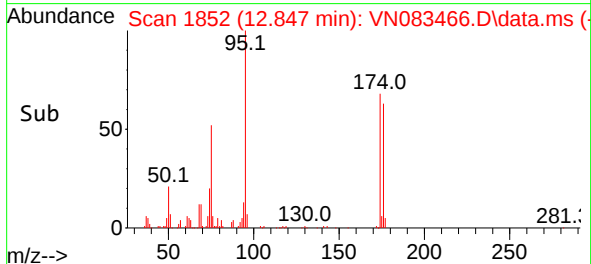
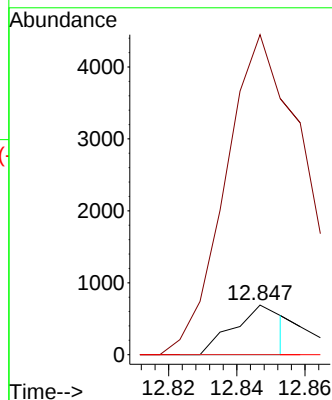
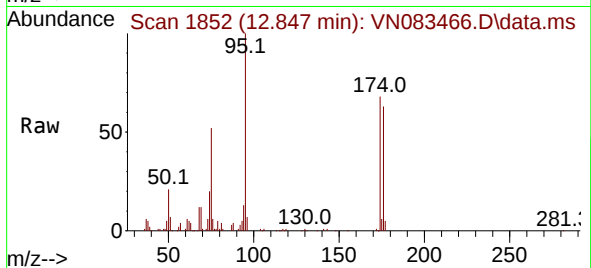
Tgt Ion:173 Resp: 685

Ion Ratio Lower Upper

173 100

175 753.9 24.0 72.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083466.D

Acq: 23 Aug 2024 17:32

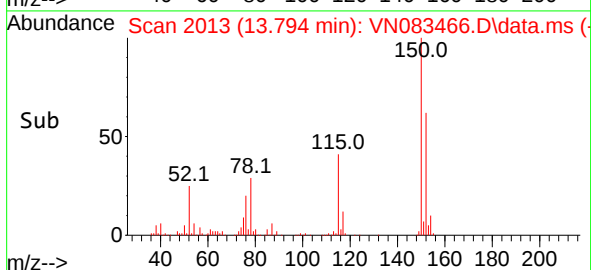
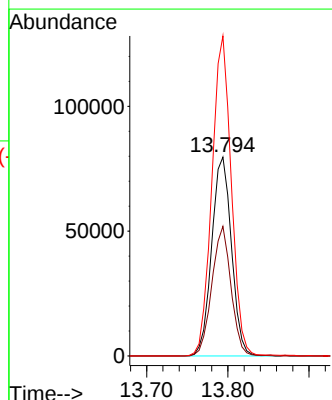
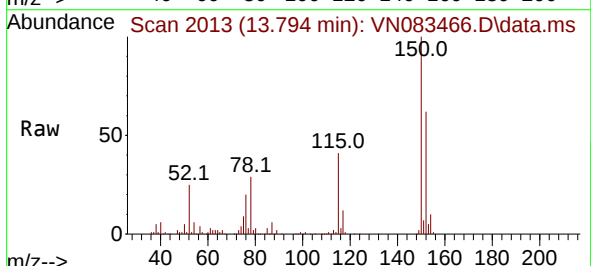
Tgt Ion:152 Resp: 134858

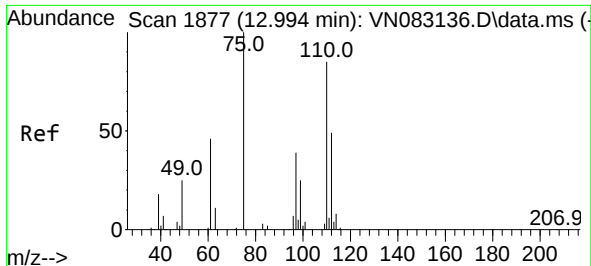
Ion Ratio Lower Upper

152 100

115 63.0 30.6 91.6

150 157.8 0.0 348.6

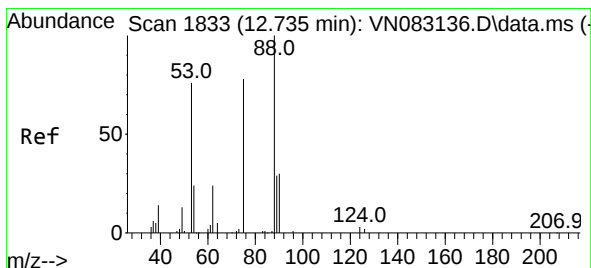
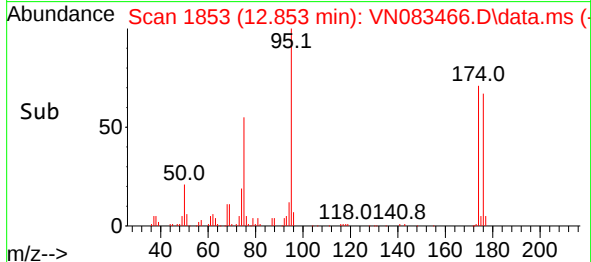
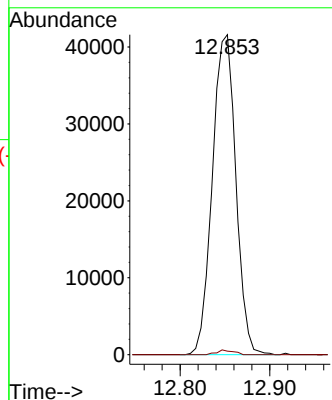
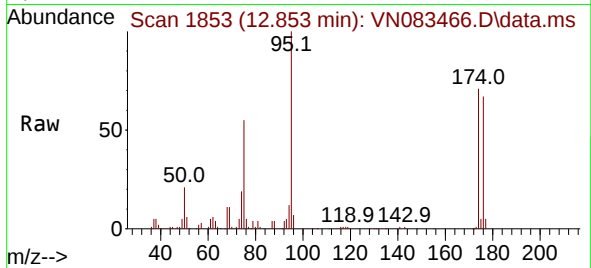




#76
1,2,3-Trichloropropane
Concen: 25.540 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

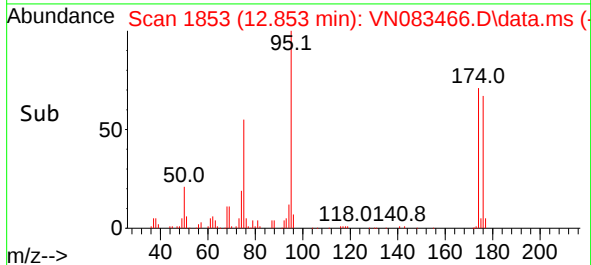
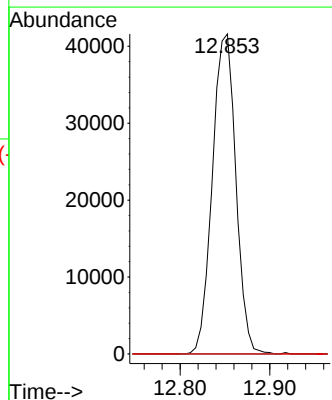
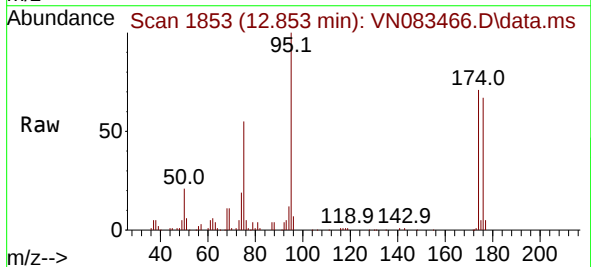
Instrument :
MSVOA_N
ClientSampleId :

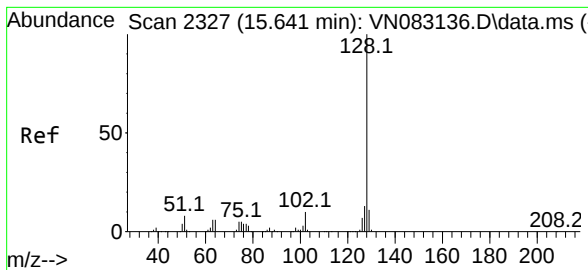
Tgt Ion: 75 Resp: 75594
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.556 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

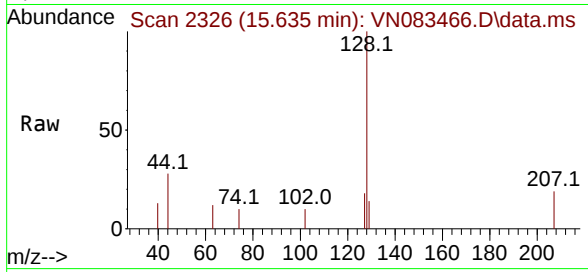
Tgt Ion: 75 Resp: 75594
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 0.367 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083466.D
Acq: 23 Aug 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	3324
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	4.8	8.6	12.8#

